

OPERATOR'S MANUAL

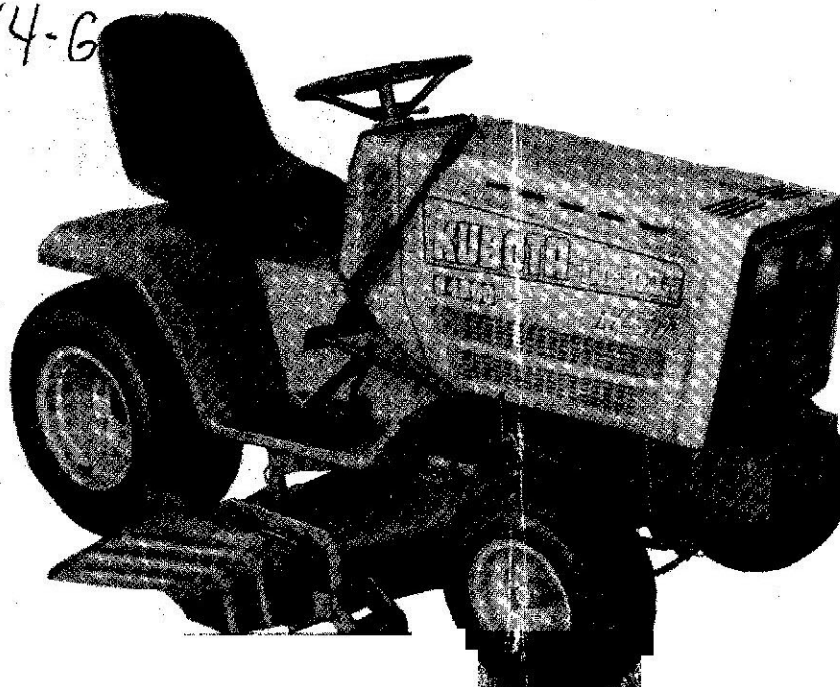
Lake Charles 436-4366 64200

KUBOTA

ROTARY MOWER

MODEL RC40-G
RC44-G
RC48-G

Blao
Model RC44-G



READ AND SAVE THIS BOOK





SAFETY ALERT SYMBOL

This is the industry "Safety Alert Symbol". This symbol is used to call your attention to items or operations that could be dangerous to you or other persons using this equipment. Please read these messages carefully. It is essential that you read the instructions and safety regulations before you attempt to assemble or use this unit.

ABBREVIATIONS LIST

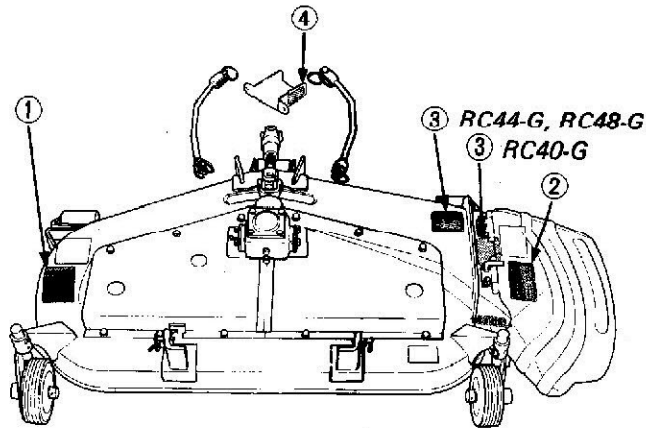
Abbreviations	Definitions
PTO	Power take off
SAE	Society of automotive engineers
r/s	Revolutions per second
rpm	Revolutions per minute
fpm	Feet per minute
m/s	Meters per second
ROPS	Roll-over protective structures
RH	Right hand
LH	Left hand
2WD	Two wheeled drive
4WD	Four wheeled drive
Hi-Lo	High speed—Low speed
DT	Dual traction

SAFETY PRECAUTIONS

For your own safety and satisfaction, read and follow the safety precautions given below.

1. Keep bystanders at a safe distance from the machine.
2. Prior to mowing, inspect the area to be mowed for objects which might be picked up and thrown by the mower. Mow only in daylight or under good artificial light.
3. Do not wear loose clothing while operating the mower. Loose clothing could become entangled in moving parts, causing personal injury.
4. Do not stand on the mower.
5. Before dismounting the tractor:
 - a) Shut off the engine,
 - b) remove the key,
 - c) set the parking brake,
 - d) allow the blades to stop.
6. Securely tighten all hardware before operating the mower.
7. Read this manual and the tractor operator's manual before operating mower. Allow only a properly trained person to operate the tractor.
8. Before starting the engine, disengage the front PTO and sit on the seat.
9. Hillside operation is dangerous and cannot be recommended. If it is necessary to mow on a hillside, use extreme caution. Never mow across the face of a slope.
10. While making turns operating in rough terrain, reduce tractor speed.
11. Upon striking a foreign object, stop and inspect the tractor and the mower for damage. Repair the damage before resuming equipment operation.
12. If the mower discharge chute becomes clogged, stop the tractor; disengage the mower drive; shut off the engine and remove the key; and clean out the chute before continuing.
13. Know how to stop the mower and engine quickly. Be prepared for any emergency situation.
14. When mowing in rough terrain or in high grass, set the mower at the highest cutting level to reduce the possibility of the mower striking debris or hidden objects.
15. Before operating the tractor in reverse, look to see if the area is clear of all objects.
16. Do not operate the mower without all shields and guards in place.
17. Never attempt to make adjustment or repairs of any kind when the tractor and mower are running. Shut off the engine, remove the key and allow the blades to stop.
18. Replace damaged or illegible safety decals. See next page for required labels.

MOWER SAFETY LABELS



F-2995

LABEL ① Part No. 70720-4715-3

CAUTION

1. Keep all shields in place.
2. Stop engine and wait until blade stops before leaving operator position.
3. Keep hands, feet and clothing away from all moving or rotating parts.
4. Make sure area of operation is clear of all persons and foreign objects.
5. Stop mower blades when crossing gravel drives walks or roads.

LABEL ② Part No. 70712-4714-1

DANGER

**STAY CLEAR OF DISCHARGE
OPENING AT ALL TIMES.**

70712 47141

LABEL ③ Part No. 70712-4114-1

DANGER

1. DO NOT OPERATE MOWER
IN TRANSPORT POSITION.
2. DO NOT OPERATE MOWER
WITHOUT DISCHARGE
DEFLECTOR.

70712 41141

CARE OF SAFETY SIGNS

- (1) Keep safety signs clean and free from obstructing material.
- (2) Clean safety signs with soap and water followed by drying with cloth.
- (3) Replace damaged or missing safety signs with new safety signs from your Kubota dealer.
- (4) If a component with safety sign(s) affixed is replaced with new part, make sure new safety sign(s) are attached in same location as replaced component.
- (5) Mount new safety signs by applying on clean dry surface and press any bubbles to outside edge.

LABEL ④ Part No. 70713-3236-1

CAUTION

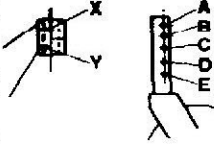
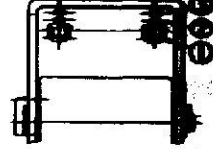
**Keep hand or foot away
from rotating parts while
operating the mower.**

7071332361

IMPORTANT

To obtain maximum productivity from your mower, the following items should be read and observed.

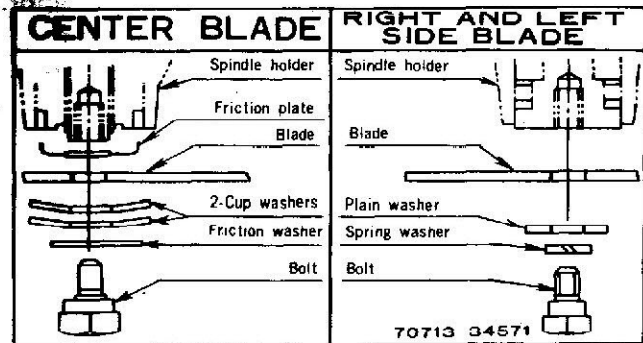
1. Adjust the anti-scalp rollers according to the mowing height. Refer to the chart below.

	REAR WHEEL	ANTI-SCALP ROLLER
CUTTING HEIGHT		
36mm(1.4in.)	X - D	1
45mm(1.8in.)	Y - E	1
54mm(2.1in.)	X - C	1
63mm(2.5in.)	Y - D	2
72mm(2.8in.)	X - B	2
81mm(3.2in.)	Y - C	3
90mm(3.5in.)	X - A	3

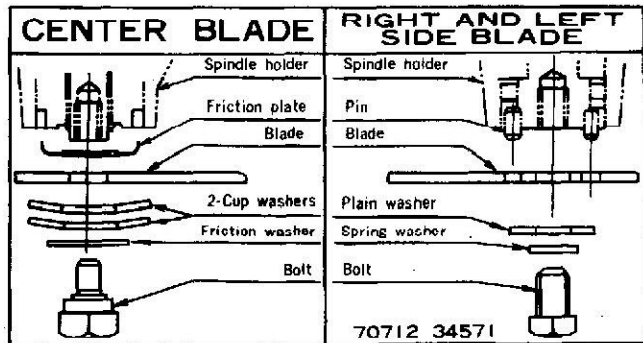
2. The parallel linkage adjustment affects the cutting performance, therefore, before operating the mower, please read and follow item "6.1 Adjusting the Parallel Linkage" shown on page 7.
3. Grease the following parts every 25 hours:
 - A. Universal Joint
 - B. Gauge Wheel
 - C. Three Spindle Cases
 - D. Fulcrum of the Belt Tension Lever.

4. Check the length of the tension pulley spring. (Read item 8.3 on page 13.)
5. Remove the belt shield from the mower deck and clean out debris every 150 hours.
6. When replacing the blades, follow the instructions as shown below. (Read item 8.2 on page 12.)

(RC40-G, RC48-G)



(RC44-G)



Torque Bolt to
72-87 ft. lbs.

Torque Bolt to
91-109 ft. lbs.

CONTENTS

1. Foreword	1
2. Service	2
3. Introduction	2
3.1 Specifications	2
3.2 Mower terminology	3
4. Setting up	4
4.1 Pre-assembly	4
4.2 Setting up the mower	4
5. Mounting to the tractor	5
6. Mower adjustments	7
6.1 Adjusting the Parallel linkage	7
7. Operation	8
7.1 Making the most of your mower	8
7.2 Cutting height	8
7.3 Operating mower	9
8. Maintenance	10
8.1 Periodic lubrication and maintenance check	10
8.2 Blade replacement	12
8.3 Belt replacement	13
8.4 Tightening torque chart	14
Parts list	15

1. FOREWORD

Thank you for your purchase of a new Kubota RC40-G, RC44-G or RC48-G Rotary Mower.

This new Kubota Mower has been developed to provide the optimum combination of power output and fuel economy with consideration for human requirements. As Kubota is constantly seeking ways to improve its products, the rotary mower which you have purchased may differ slightly from the specifications in this manual. Please make yourself familiar with this instruction manual before installing or operating your mower so that it will give you maximum service life and performance.

If you have any questions or problems regarding your mower contact your nearest Kubota dealer.

2. SERVICE

- (1) When in need of parts or of service, give the serial number of the Mower to the dealer.
- (2) The serial number is located on the right side of the deck.
- (3) For your reference, please record the serial number in the space provided.

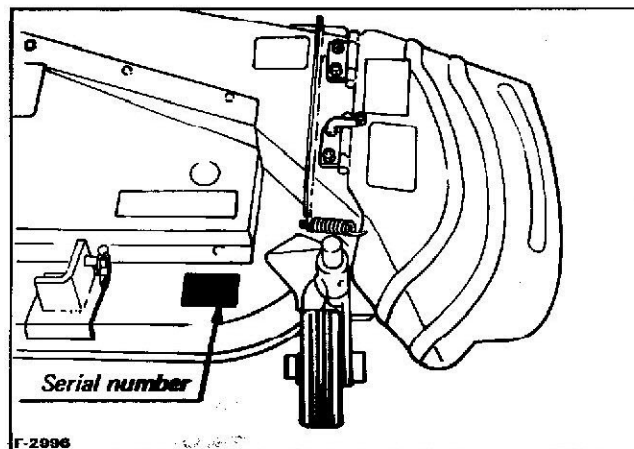
KUBOTA MOWER

MODEL _____

SERIAL NUMBER _____

DATE OF PURCHASE _____

NAME OF DEALER _____

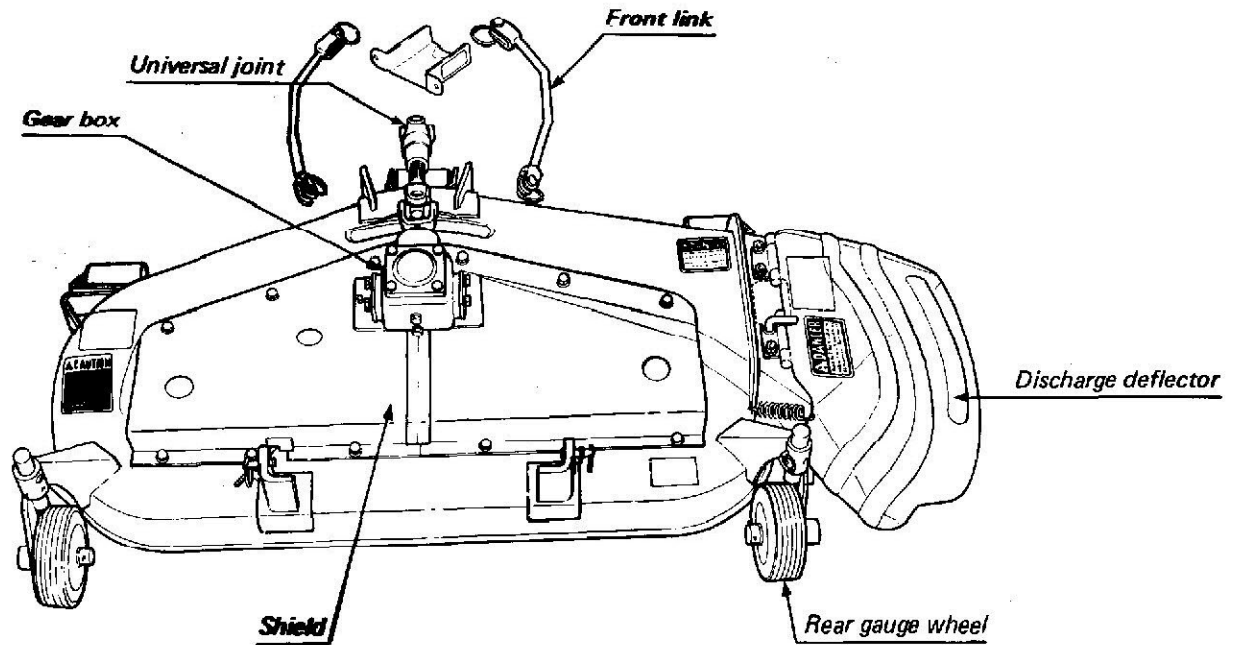


3. INTRODUCTION

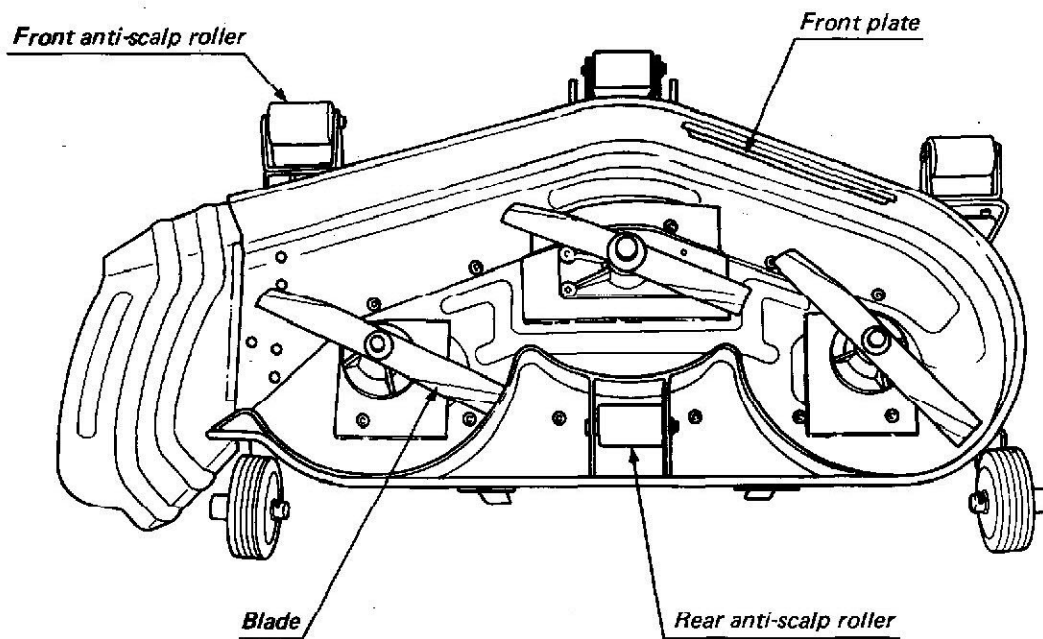
3.1 SPECIFICATIONS

Model		RC40-G	RC44-G	RC48-G
Mounting method		Parallel linkage		
Adjustment of cutting height		Gauge wheel		
Cutting width		1032 mm (40.6 in.)	1118 mm (44 in.)	1224 mm (48 in.)
Cutting height		36 mm to 90 mm (1.4 to 3.5 in.)		
Weight (Approx.)		68 kg (150 lbs.)	71 kg (156 lbs.)	78 kg (172 lbs.)
Blade spindle speed		66.97 r/s (4018 rpm)	63.93 r/s (3836 rpm)	59.93 r/s (3596 rpm)
Blade tip velocity		78.3 m/s (15400 fpm)		79.8 m/s (15700 fpm)
Blade length		372 mm (14.6 in.)	390 mm (15.3 in.)	424 mm (16.7 in.)
Number of blades		3		
Dimensions	Total length	822 mm (32.4 in.)	825 mm (32.5 in.)	919 mm (36.2 in.)
	Total width	1384 mm (54.5 in.)	1430 mm (56.3 in.)	1540 mm (60.6 in.)
	Total height	282 mm (11.1 in.)		

3.2 MOWER TERMINOLOGY



F-2995



F-2997